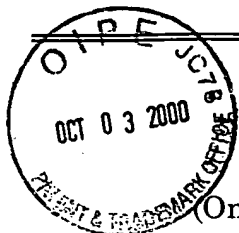# CONTINUED PROSECUTION APPLICATION (CPA) REQUEST TRANSMITTAL

Submit an original, and a duplicate for fee processing

Only for Continuation or Divisional applications under 37 CFR 1.53(d)

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OCT 03 2000

Docket No.	: USA/LTR/33539
Inventor(s)	: Thomas J. Quigley; Lisa V. Denney; Jonathan S. Min; Christopher B. Jones; Henry Samueli; Fang Lu, Feng Chen and Sean F. Nazareth
Title	: CABLE MODEM SYSTEM
Express Mail Label No.	: EL483173696US Check if applicable: ___ **DUPLICATE**

ADDRESS TO: Assistant Commissioner for Patents
Box CPA
Washington, D.C. 20231   Date: October 3, 2000

This is a request for a continuation application under 37 CFR 1.53(d), (continued prosecution application (CPA) of prior application number 09/430,821, filed on October 29, 1999, entitled CABLE MODEM SYSTEM.

1. ____ Enter the unentered amendment previously filed on , under 37 CFR 1.116 in the prior nonprovisional application.

2. _X_ A preliminary amendment is enclosed.

3. This application is filed by fewer than all the inventors named in the prior application, 37 CFR 1.53(d)(4).

   a. ____ DELETE the following inventor(s) named in the prior nonprovisional application:

   b. ____ The inventor(s) to be deleted are set forth on a separate sheet attached hereto.

4. Information Disclosure Statement (IDS) is enclosed:
   a. _X_ PTO-1449
   b. _X_ Copies of IDS Citations

5. Small entity status:
   a. ____ A small entity statement is enclosed.
   b. ____ A small entity statement was filed in the prior nonprovisional application and such status is still proper and desired.
   c. ____ Is no longer claimed.

6. ____ Other

-1-

CONTINUED PROSECUTION APPLICATION (CPA)
REQUEST TRANSMITTAL
Submit an original, and a duplicate for fee processing
(Only for Continuation or Divisional applications under 37 CFR 1.53(d))

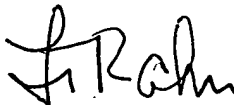**Docket No.: USA/LTR/33539**

FEE DETERMINATION

	CLAIMS AS FILED				
	NUMBER FILED	NUMBER EXTRA	SMALL ENTITY RATE	LARGE ENTITY RATE	FEE
TOTAL CLAIMS	24 – 20	4	x $9.00	4 x $18.00	$72.00
INDEPENDENT CLAIMS	5 – 3	2	x $40.00	2 x $80.00	$160.00
MULTIPLE-DEPENDENT CLAIMS FEE			$135.00	$270.00	
BASIC FEE			$355.00	$710.00	$710
				TOTAL FILING FEE	$942.00
List Independent Claims: 2, 10, 13, 19, and 25					

7. _____ A Petition for Extension of Time for the parent application and the required fee are enclosed as separate papers.

8. __X__ Payment Enclosed: Check for $942.00

9. __X__ The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required during the **entire pendency** of the application to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. **A duplicate copy of this sheet is enclosed.**

NOTE: The prior application's **correspondence address** will carry over to this CPA **UNLESS** a new correspondence address is provided.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By _____

LeRoy T. Rahn
Reg. No. 20,356
626/795-9900

Express Mail No. *EL483173696US*

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Thomas J. Quigley, et al.
Application No.	:	09/430,821
Filed	:	October 29, 1999
Title	:	CABLE MODEM SYSTEM
Grp./Div.	:	2743
Examiner	:	not known
Docket No.	:	33539/LTR/B600

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PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Post Office Box 7068
Pasadena, CA 91109-7068
October 3, 2000

Commissioner:

Before examination of the above-identified patent application, please amend the application as follows:

In the claims:

Please cancel claim 1.

Please add new claims 2-25 as follows:

1   -- 2.   A cable modem termination system (CMTS) that can

2   receive signal bursts transmitted on an upstream channel of a

3   cable modem system, the CMTS comprising:

A1   4   a demodulator for receiving the signal bursts on the

cont 5   upstream channel;

6   a media access controller (MAC) that generates for

7   downstream transmission MAP messages that assign time slots in

8   which cable modems may transmit signal bursts on the upstream